

User manual for Study Planner

Study planner is a program that allows user to add lectures and keep track on weekly lectures. The program lets user to select from five numbers (number 1 to number 5) that are corresponding to five options: empty the database, add class, remove class, print weekly schedule, and quit the program.

```
-----STUDY PLANNER-----
1. Empty the database.
2. Add class.
3. Remove class.
4. Print weekly schedule.
5. Quit.
Please select a number according to options above: █
```

Input accepts one number only ranging from 1-5 according to the option list. If user enters non-numerical input or a number out of the range of 1-5, the program will print error message and prompt user for valid input as shown in picture below.

```
-----STUDY PLANNER-----
1. Empty the database.
2. Add class.
3. Remove class.
4. Print weekly schedule.
5. Quit.
Please select a number according to options above: e
Input accepts number only! Try again!
Please select a number according to options above: 56

Please select a number range from 1-5 only!

1. Empty the database.
2. Add class.
3. Remove class.
4. Print weekly schedule.
5. Quit.
Please select a number according to options above:
```

ADD CLASS / REMOVE CLASS / PRINT WEEKLY SCHEDULE

Program will ask user to enter number of classes he/ she wishes to add/ remove. Again, only numerical input is accepted. If user enters non-numerical input or a number out of the range, program will prompt user to re-enter input until it is a valid input.

With valid input, the program continues asking question about how many class(es) that user wishes to add or remove then information about the lecture/ class such as name, room, date, and time. Each

input (except lecture's name and room's name inputs) accepts numeric input from a strict ranging only as shown in picture below.

Add class/ print class

```
-----STUDY PLANNER-----
1. Empty the database.
2. Add class.
3. Remove class.
4. Print weekly schedule.
5. Quit.
Please select a number according to options above: 2

OPTION 2 : ADD CLASS
How many course(s) that you wish to add? 1
Enter a class name: C Programming
Enter classroom: KME678
[MONDAY TUESDAY WEDNESDAY THURSDAY FRIDAY]
[0 1 2 3 4 ]
Enter a number corresponding to the date of the class: H
Input accepts number only! Try again!
Enter a number corresponding to the date of the class: 9
Please enter a number from range 0-4 only!

[MONDAY TUESDAY WEDNESDAY THURSDAY FRIDAY]
[0 1 2 3 4 ]
Enter a number corresponding to the date of the class: 0
[09:00 10:00 11:00 12:00 13:00 14:00 15:00 16:00 17:00]
[0 1 2 3 4 5 6 7 8 ]
Enter a number corresponding to the time above.
Start time: y
Input accepts number only! Try again!
Start time: 0
End time: 9
Please enter a number per input from range 0-8 only!

[09:00 10:00 11:00 12:00 13:00 14:00 15:00 16:00 17:00]
[0 1 2 3 4 5 6 7 8 ]
Enter a number corresponding to the time above.
Start time: 0
End time: 4

Done saving input data into database file! Please check the timetable again by option 4.
```

After entering all the valid inputs about lecture(s), user can re-check by choosing option 4 (print weekly schedule)

```
1. Empty the database.
2. Add class.
3. Remove class.
4. Print weekly schedule.
5. Quit.
Please select a number according to options above: 4

OPTION 4 : PRINT WEEKLY STUDY PLAN
TIME | DATE    MONDAY          TUESDAY          WEDNESDAY          THURSDAY          FRIDAY
09:00      C Programming
           KME678
10:00      C Programming
           KME678
11:00      C Programming
           KME678
12:00      C Programming
           KME678
13:00
14:00
15:00
16:00
```

Remove class/ print class

With remove class option, the program will first print out the current weekly schedule so user will have an idea which class to remove from the schedule. Then program will continue asking information about the class that user wishes to remove.

```
-----STUDY PLANNER-----
1. Empty the database.
2. Add class.
3. Remove class.
4. Print weekly schedule.
5. Quit.
Please select a number according to options above: 3

OPTION 3 : REMOVE CLASS
TIME | DATE    MONDAY                TUESDAY                WEDNESDAY                THURSDAY                FRIDAY

09:00      C Programming
           KME678
10:00      C Programming
           KME678
11:00      C Programming
           KME678
12:00      C Programming
           KME678
13:00
14:00
15:00
16:00

How many course(s) that you wish you delete? 1
[MONDAY TUESDAY WEDNESDAY THURSDAY FRIDAY]
[0      1      2      3      4      ]
Enter a number corresponding to the date of the class: 0

[09:00 10:00 11:00 12:00 13:00 14:00 15:00 16:00 17:00]
[0      1      2      3      4      5      6      7      8      ]
Enter a number corresponding to the time above.
Start time: 2
End time: 3

Remove progress is done! Please check the timetable again by option 4.
```

After entering all the valid inputs about lecture(s), user can check by choosing option 4 (print weekly schedule)

```
Remove progress is done! Please check the timetable again by option 4.

1. Empty the database.
2. Add class.
3. Remove class.
4. Print weekly schedule.
5. Quit.
Please select a number according to options above: 4

OPTION 4 : PRINT WEEKLY STUDY PLAN
TIME | DATE    MONDAY                TUESDAY                WEDNESDAY                THURSDAY                FRIDAY

09:00      C Programming
           KME678
10:00      C Programming
           KME678
11:00
12:00      C Programming
           KME678
13:00
14:00
15:00
16:00
```

EMPTY DATABASE option will empty the database file and database array.

```
OPTION 1 : CLEAN DATABASE
Database file is cleaned. Please check the timetable again by option 4.

1. Empty the database.
2. Add class.
3. Remove class.
4. Print weekly schedule.
5. Quit.
Please select a number according to options above: 4

OPTION 4 : PRINT WEEKLY STUDY PLAN
TIME | DATE    MONDAY          TUESDAY          WEDNESDAY          THURSDAY          FRIDAY
09:00
10:00
11:00
12:00
13:00
14:00
15:00
16:00
```